

ABAG Training Center presents  
the Summer/Fall 2005 series of  
**Environmental and Hazardous Waste  
Operations Courses**

## HAZWOPER



### OSHA 40-Hour Certification: Hazardous Waste Operations Training

This certificate course meets and exceeds OSHA requirements for **29 CFR, Part 1910.120 (e)**. The course is designed for engineers, geologists, drillers, equipment operators, project managers, and others who work at a hazardous waste site or who need "HAZWOPER" certification.

The course is a dynamic and proven course covering all aspects of hazardous materials and hazardous waste handling and operations. It is filled with hands-on activities allowing students to work with various types of personal protective clothing, respirators, sampling equipment and more. Students will participate in simulated hazardous materials cleanup and decontamination exercises.

#### Covered topics include the following:

- Regulatory overview
- Hazardous materials toxicology
- Chemical and physical hazards
- Identification systems
- Respiratory protection
- Chemical protective equipment
- Decontamination practices
- Site safety plans
- Confined space operations
- Physical hazards
- Field safety and operational procedures
- Field exercises

Course materials: Students will receive a comprehensive course manual, copy of the regulations, DOT labeling and placarding chart, and certificate of completion.

**Instructors:** SCM, Inc.

**When:** #1445 Aug 8-12, 8 am-5 pm (M-F)

#1450 Sep 26-30, 8 am-5 pm (M-F)

#1458 Dec 12-16, 8 am-5 pm (M-F)

**Fees:** Non-ABAG member: \$760;  
ABAG member: \$608

**CEUs:** 4.0 Awarded. The ABIH has awarded 5.0 CM points.

**Check our discounts!**  
Take a 40-, 24-, or 16-hour full-price HAZWOPER course and receive a discount on **ALL future 8-hour classroom Refreshers**.  
Call 510.464.7964 for details.

### OSHA 24-Hour Certification: Hazardous Waste Operations Training

This course is similar in content to the 40-hour Hazardous Waste Operations course, but is designed for those who work on site only occasionally for specific limited tasks and/or who are unlikely to be exposed over the permissible exposure limits. The course will focus on working safely around hazardous materials and hazardous

waste and will provide the student with the necessary information and certification needed to assist at a hazardous waste site.

Course materials: Students will receive a comprehensive course manual, copy of the regulations, DOT labeling and

placarding chart, and certificate of completion.

**Instructors:** SCM, Inc.

**When:** #1446 Aug 8-10, 8 am-5 pm (M-W)

#1451 Sep 26-28, 8 am-5 pm (M-W)

#1459 Dec 12-14, 8 am-5 pm (M-W)

**Fees:** Non-ABAG member: \$560;  
ABAG member: \$448

**CEUs:** 2.4 Awarded. The ABIH has awarded 3.0 CM points.

### OSHA 16-Hour Supplemental: Hazardous Waste Operations Training

This course upgrades certification for those who have previously completed a 24-hour Occasional Site Worker course from the ABAG Training Center or from SCM and who now need to be certified to the General Site Worker level.

The course will cover the necessary hands-on exercises involving the use of respiratory protection and chemical

protective clothing.

#### Topics will include:

- Respiratory protection
- Chemical protective equipment
- Site safety plans
- Field safety and operational procedures
- Field exercises
- Decontamination exercises

This course does not take the place of the 8-hour annual refresher program.

Course materials: Students will receive a comprehensive course manual, copy of the regulations, DOT labeling and placarding chart, and certificate of completion

**Instructors:** SCM, Inc.

**When:** #1447 Aug 11-12, 8 am-5 pm (Th-F)

#1452 Sep 29-30, 8 am-5 pm (Th-F)

#1460 Dec 15-16, 8 am-5 pm (Th-F)

**Fees:** Non-ABAG member: \$315;  
ABAG member: \$252

**CEUs:** 1.6 Awarded. The ABIH has awarded 2.0 CM points.

***In a hurry? Can't come to class?  
Check out all our online courses at***

***<http://www.hazmatschool.com>***

#### **Now you have a choice of HAZWOPER Refreshers!**

- ✓ OSHA 8-hr Refresher & OSHA 8-hour Refresher Plus
- ✓ OSHA 8-hr Refresher with Confined Space Safety
- ✓ OSHA 8-hr Refresher with Blood Borne Pathogens
- ✓ OSHA 8-hr Refresher with Asbestos
- ✓ OSHA 8-hr Refresher for Site Visitors, Inspectors & Regulators

**New Courses:** California Title 22 & RCRA Courses, and much more!

***See complete online training course list on Page 4 inside***

## Can you take the OSHA 40-hour HAZWOPER Online?

### Don't be burned by incorrect claims.

Read why you cannot take the full 40-hr course online.

Until cyber space allows us to perform hands-on training via the Internet, the 40-hour General Site Worker certification cannot be offered through online training only. There must be some traditional classroom training to enable employees to practice with the equipment they will use in the field.

### OSHA's Response to 40-Hour Online Training.

In an interpretation letter solicited by Ron Gantt, one of our own Remote Instructors™, dated August 16, 2004, OSHA states that along with the 40-hour HAZWOPER training, "equally important is the use of hands-on experience and exercises to provide trainees with an opportunity to become familiar with equipment and safe practices in a non-hazardous setting." (Review this interpretation letter at <http://www.hazmatschool.com/descriptions/OSHAletter-secure.pdf>.)

### Cyber Space Does Not Deliver Hands-On Training.

The actual requirements for a 40-hour course are classroom instruction plus three days of supervised field experience. Some training providers may tell you that in those three days of supervised field experience workers can receive their hands-on training. However, in the same interpretation letter, when asked if this is acceptable, OSHA replies:

"No. Supervised field experience is part of an employee's initial training, taking place after he or she has completed the off-site classroom instruction."

### All OSHA Certification Training Programs Are NOT Created Equal.

To see how the OSHA 24-hour HAZWOPER Certification for Occasional Site Worker online course plus the OSHA 16-hour HAZWOPER Supplemental classroom course make the perfect combination, see [http://www.hazmatschool.com/descriptions/40hour\\_information.html](http://www.hazmatschool.com/descriptions/40hour_information.html).

For more detailed information on our HAZWOPER Training Programs, you may call our instructors directly at 800-974-1419.

## OSHA 8-Hour Annual Refresher for Hazardous Waste Personnel

If you're tired of repeating the same old 8-hour refresher year after year, this is the class for you. It offers personable, dynamic instructors able to tailor each presentation to the needs of the students. The course emphasizes new developments in the field, and areas of discussion include:

- Regulatory updates
- Basic toxicology
- Chemical and physical hazards
- Engineering and administrative controls
- Risk and hazard assessment
- Site control
- Decontamination methodologies

This course is designed for workers who have already passed a 24- or 40-hour hazardous waste operations course and meets the **29 CFR 1910.120** and **8 CCR 5192(e)** OSHA refresher requirement.

Course materials include an updated reference manual, handouts, and certificate.

**Instructor:** SCM, Inc.

**When: #1442** July 18, 8 am-5 pm

**#1448** August 31, 8 am-5 pm

**#1453** October 14, 8 am-5 pm

**#1457** December 5, 8 am-5 pm

**Fees:** Non-ABAG member: \$220;  
ABAG member: \$176; Former  
ABAG HAZWOPER  
students: \$110 (see [Discounts Section](#) or call for details)

**CEUs:** 0.8 Awarded. The ABIH has awarded 1.0 CM points.

## 24-Hour Emergency Response Training (ERT Technician)

This three-day course provides comprehensive training in procedures involved in emergency response to hazardous materials releases to the hazardous materials Technician level in accordance with **29 CFR 1910.120(q)**. It is designed for individuals who must respond to releases of hazardous materials at the offensive level for the purpose of stopping the releases.

Students will receive comprehensive training in hazard assessment, identification systems and techniques, respiratory protection, chemical protective clothing, activities to provide the student with the

decontamination, and response techniques. necessary skills and abilities to respond safely to chemical releases.

### Topics include:

- Hazard and risk assessment
- Regulatory overview
- Principles of identification
- Respiratory protection
- Chemical protective equipment
- Decontamination activities
- Site entry and hazard control
- Exercises

Course materials: Each student will receive a course manual, and certificate of completion.

**Instructor:** SCM, Inc.

**When: #1449** Sep19-21, 8 am-5 pm

**Fees:** Non-ABAG member, \$560;  
ABAG member, \$448

**CEUs:** 2.4 Awarded. The ABIH has awarded 3.0 CM points.

**So you think *all*  
HAZWOPER Refreshers  
are *boring*?**

### See what ABAG Training Center students are saying:

- ◆ "Thank you. One of the best!"
- ◆ "For the first time, I will look forward to coming back to the refresher next year!"
- ◆ "Handbook is excellent. I will read it and keep it handy."

\* \* \*

## ERT (Hazardous Materials Technician) Annual Refresher

This course provides an annual refresher of the 24-hour Emergency Response (Hazardous Materials Technician) course required under **8CCR, Section 5192 (q)** and **29 CFR 1910.120 (q)**. The course is designed for those whose responsibilities include response to hazardous materials releases at the Technician level.

### Topics include:

- Overview of changes to regulations affecting the technician hazards
- Review of identification systems
- Review and update of equipment used in response

- Drills and exercises
- Safety requirements
- Emergency procedures

Course materials include a newly revised reference manual and a certificate of completion.

**Instructor:** SCM, Inc.  
**When:** #1455 October 25, 8 am-5 pm  
**Fees:** Non-ABAG Member: \$215;  
 ABAG Member: \$172  
**CEUs:** 0.8 Awarded.

## Hazardous Waste Management & Transportation



### DOT/HazMat Employee

**NOTE:** Includes New Security Regulatory Requirements

Does your operation involve the shipment or transportation of hazardous materials? It might surprise you to know that many businesses who do not think that this is the case, actually do. The DOT requires you to be trained if you:

- Load, unload, or handle hazardous materials
- Test, recondition, repair, modify, mark or label containers, drums or packaging as qualified for use in the hazardous materials transportation
- Prepare hazardous materials for transportation
- Are responsible for transporting hazardous materials, or supervise those who do
- Operate a vehicle used for transporting hazardous materials

Completion of the course assists in compliance with **49 CFR, Part 172.704**.

**This course will satisfy those requirements, such as:**

- Overview of the DOT regulations
- Hazard communication
- Security Awareness (**HM-232**)
- Placarding and Labeling
- Use of the DOT Tables
- Shipping documentation and packaging
- Personal protective equipment
- Safe work practices
- Emergency procedures

Each student will receive a course manual and certificate of completion.

**Instructor:** SCM, Inc.  
**When:** #1444 August 2, 8 am-noon  
**Fees:** Non-ABAG Member: \$120;  
 ABAG Member: \$96  
**CEUs:** 0.4 Awarded.

## Title 22/RCRA HazWaste Handler

The amount of hazardous waste generated each year is staggering. As consumers of hazardous materials we often become generators of hazardous waste. When such waste is generated, the person or agency that does so is required by law to ensure the waste is disposed of in the proper manner. This is known as the "cradle-to-grave" concept and is the subject of a number of state and federal regulations.

This training program is designed to help those companies and agencies that need to comply with the requirements of Title 22, California Code of Regulations with regard to handling hazardous wastes. Successful completion of this program results in a certificate showing compliance with the hazardous waste requirements on both the state and federal levels.

The program is designed to allow discussion of the operations and waste streams that may be part of the student's organization.

**The following topics will be covered:**

- Understanding the laws regarding hazardous waste--RCRA, **40 CFR 262, 49 CFR 172**, Title 22, and Title 8
- Identifying hazardous waste
- The cradle-to-grave concept
- Definitions and terms relevant to hazardous waste
- Hazardous waste issues--storage, labeling and handling
- Administration and training requirements
- Personal protective equipment used in handling waste
- Safe practices in dealing with hazardous waste
- Emergency activities in case of spill of hazardous waste
- Penalties

Course materials include a comprehensive course manual and certificate of completion.

**Instructor:** SCM, Inc.  
**When:** #1456 November 15, 8 am-noon  
**Fees:** Non-ABAG Member: \$120;  
 ABAG Member: \$96  
**CEUs:** 0.4 Awarded.

## Title 22/RCRA HazWaste Handler and DOT/HazMat Employee

Does your operation use hazardous materials which in turn create hazardous waste? Are you then required to package, load, unload, or transport the hazardous materials and/or waste? Do you need to sign hazardous waste manifests? Do you supervise any of these operations? If so, then this is the course for you.

This training program is designed to help those agencies that need to comply with the requirements of Title 22, California Code of Regulations with regard to handling hazardous wastes. Successful completion of this program results in a certificate showing compliance with the hazardous waste requirements on both the state and federal levels. The program is designed to allow discussion of operations and waste streams that may be part of the student's organization.

Additionally, this program is designed to meet the requirements of the DOT that all personnel whose job involves packaging, shipping, or transporting materials that are regulated by the DOT have training on the proper handling procedures, safety, and compliance with the DOT regulations. New sections in the regulations now require Security Awareness Training for all shippers and transporters. Completion of the course assists in compliance with **49 CFR, Part 172.704**.

Because many of the training requirements of both programs overlap, the program is designed to meet and satisfy requirements of both regulations in 6 hours.

**During the course, students will learn the following:**

- Overview of the DOT regulations and the laws regarding hazardous waste--RCRA, **40 CFR 262, 49 CFR 172**, Title 22 and Title 8.
- Hazard communication
- Security awareness
- Placarding and labeling
- Use of the DOT tables
- Shipping documentation and packaging
- Identifying hazardous waste
- The cradle-to-grave concept
- Definitions and terms relevant to hazardous materials and waste
- Hazardous waste issues--storage, labeling and handling
- Universal waste issues
- Administration and training requirements
- Personal protective equipment used in handling hazardous materials and waste
- Safe practices in dealing with hazardous materials and waste
- Emergency activities in case of spill of hazardous materials and waste

Each student will receive a course manual and certificate of completion.

**Instructor:** SCM, Inc.  
**When:** #1454 October 17, 8 am-3 pm  
**Fees:** Non-ABAG Member: \$170;  
 ABAG Member: \$136  
**CEUs:** 0.6 Awarded.

**Free Parking!**  
**Convenient OAKLAND Location!**

**\* BART-able \***

located at  
 Lake Merritt BART Station

Need help picking a course?  
Check out our Students Page and  
our interactive course selection  
questionnaire.

# Check out all the Online Training Courses

available from  
*Hazmatschool.com!!*

## **HAZWOPER Annual Refreshers**

- # 936 OSHA 8-hr HAZWOPER
- #1088 OSHA 8-hr HAZWOPER Plus
- #1196 OSHA 8-hr HAZWOPER Refresher for Wastewater Treatment Workers
- #1288 OSHA 8-hr HAZWOPER Refresher with Bloodborne Pathogens
- #1290 OSHA 8-hr HAZWOPER Refresher with Confined Space Safety
- #1361 OSHA 8-hr HAZWOPER Refresher with Asbestos Awareness
- #1389 OSHA 8-hr HAZWOPER Refresher with Respiratory Protection
- #1390 OSHA 8-hr HAZWOPER Refresher for Regulators, Engineers and other Waste Site Visitors
- #1441 OSHA 8-hr HAZWOPER Refresher for Waste Site Visitors-Physical Hazards

## **Emergency Response Courses**

- #1007 OSHA First Responder Awareness (4-hr) including the module: The First Responder in a Time of Terrorism
- #1249 OSHA First Responder Operations
- #1363 On-Scene Incident Commander

## **HAZWOPER Courses**

- #1082 OSHA 24-hour HAZWOPER for Occasional Site Workers
- #1000 OSHA 8-hr Hazardous Waste Supervisor

## **DOT Hazmat Courses**

- #1058 DOT HM-181 Basic Hazmat Employee (4-hr)
- #1200 DOT HM-181 Hazmat Employee for Automobile Dealers/Suppliers
- #1205 DOT HM-181 Hazmat Employee with Packaging (5-hr)
- #1362 DOT HM-232 Security Awareness

## **Industrial & Construction Safety**

- #1284 OSHA Bloodborne Pathogens (2-hr)
- #1291 OSHA Hazard Communication (2-hr)
- #1289 OSHA Confined Space Safety (2-hr)
- #1293 OSHA Respiratory Protection (2-hr)
- #1292 OSHA Lockout/Tagout - Control of Hazardous Energy (2-hr)
- #1335 OSHA Excavation Safety Training for Competent Persons (2-hr)
- #1336 OSHA Hearing Protection (1-hr)
- #1360 Asbestos Awareness (4-hr)

## **California Title 22 & RCRA**

- #1391 RCRA/Hazardous Waste Generator
- #1398 Title 22-California Hazardous Waste Generator

“What students are saying  
about our ONLINE HAZMAT  
COURSES at

***[www.hazmatschool.com](http://www.hazmatschool.com)***

- ◆ “. . . surpasses any of the 10 annual Hazwoper refreshers I have taken.”  
- Cincinnati, OH
- ◆ “The material was easily understood and practical.” - Martinez, CA
- ◆ “I needed a class NOW! This class met my needs.” - Portland, OR
- ◆ “. . . less expensive than a regular class—no motel, no eating out . . . ”  
- Rio Rancho, NM

New courses are being added and updated!  
Check website for the latest information

- How do you take an online class at Hazmat School?
- Try our Demo Course Sample
- Win a free online HAZWOPER Refresher Course--nothing to buy!
- Determine your Training Needs
- Test your Hazmat Knowledge

**CEUs—** The Association of Bay Area Governments is an authorized provider of Continuing Education. For each successfully completed hour of training, 0.1 CEUs are awarded. *International Association of Continuing Education and Training (IACET) Provider No. 466.*

## ABAG HAZARDOUS WASTE & ENVIRONMENTAL INSTRUCTORS

The ABAG Training Center presents the Summer/Fall 2005 Hazardous Waste Operations and Environmental Course Series. ABAG has trained tens of thousands of people on health, safety and hazardous materials/waste management. Student evaluations consistently rate ABAG's instructors excellent in course content, presentation and instructor knowledge.

### Safety Compliance Management

Paul Gantt and his team of experts at SCM have combined experience of over 50 years in developing and teaching emergency response and safety programs. SCM provides safety and training services to the Bay Area's largest companies as well as Lawrence Livermore Laboratory. They authored "Hazardous Waste Operations and Emergency Response," Delmar Publishers. Their web address is

[www.scm-safety.com](http://www.scm-safety.com)

### REGISTRATION POLICIES

Refunds will be issued up to seven days before a training date, however, a \$25 administrative fee will be charged. **Refunds will not be issued for cancellations made less than seven days before class date.** If you must cancel due to an emergency, please call ABAG at (510) 464-7964. A late fee of \$10 will be charged for registrations received less than one week prior to the class.

### ABOUT ABAG, INC.

ABAG, Inc. was created by the Association of Bay Area Governments to improve government efficiency by educating government officials, employees, and the public on government regulations and programs, and by improving inter-governmental communication and citizen access. The ABAG Training Center is a program of ABAG, Inc.

For more information on these and other ABAG, Inc. offerings, call Sharon McCreadie at the ABAG Training Center: 510.464.7964 or email to:

[SharonM@abag.ca.gov](mailto:SharonM@abag.ca.gov)

## CONVENIENT LOCATION

(All sessions are at the Oakland facility unless otherwise noted)

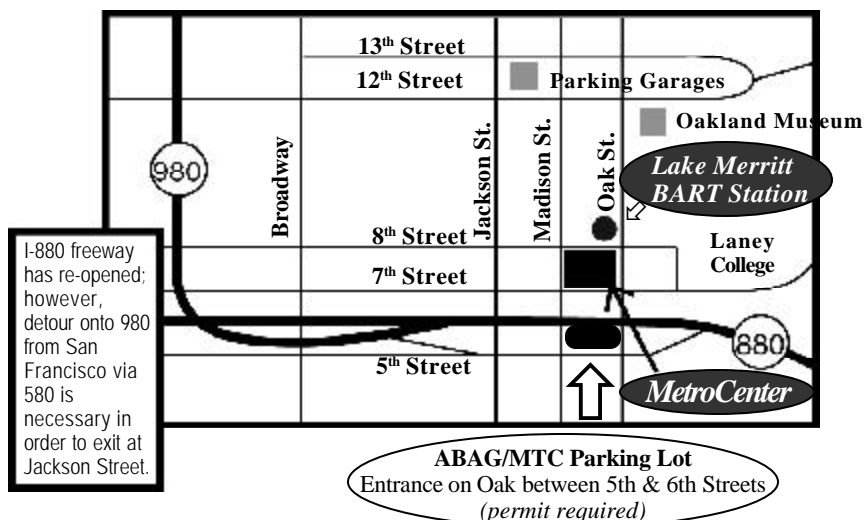
### Oakland

#### Joseph P. Bort MetroCenter

101 - 8th Street • Oakland, CA • Across from Lake Merritt BART Station  
(corner of 8th and Oak Streets)

**BART:** The MetroCenter is conveniently located across the street from the Lake Merritt BART station. **BART is the recommended way to travel, as all street parking near the building is metered for 2-hour parking.**

**Driving:** Traveling north on Interstate 880, take the Oak Street exit, turn right on Oak St., and left on 8th St. Traveling south from the Bay Bridge, on Interstate 80, follow signs to 580 to 980 to the Broadway/Alameda exit, then right on 7th Street, follow 7th to Oak, then left on Oak St., and left on 8th St. Traveling west from Highway 24 to 980/880, take the Jackson Street exit, straight on 5th Street, left on Oak St., and left on 8th St. Temporary Parking Permits will be mailed to pre-registered students.



## DISCOUNTS

Note: One discount per enrollment. Our online registration software will automatically calculate your best discount.

New!

### GROUP DISCOUNT

SAVE! Register 5 or more students in a class, and receive a 10% discount off the price of all 5 registrations.

### HAZWOPER REFRESHER DISCOUNT YOU MAY ALREADY QUALIFY

Students who have taken an ABAG Training Center 40-, 24-, 16-hour, or 8-hour Annual Refresher HAZWOPER course always receive a discount on future 8-hour HAZWOPER Annual Refreshers. Year 2005 students purchasing classroom HAZWOPER courses will receive a discount coupon for their next refresher!

### DON'T FORGET YOUR MEMBER DISCOUNT!

SAVE! Always a 20% discount off our regular prices for employees of Bay Area cities and counties, and ABAG Associate/Cooperating member organizations. For a current list of Associate/Cooperating members, go to

[http://www.abag.ca.gov/about\\_abag/abag\\_members.html](http://www.abag.ca.gov/about_abag/abag_members.html)